

1

Uses of D-Xylose, the Esters Thereof and Oligosaccharides Containing Xylose For Improving the Functionality of Epidermal Cells

WO9924009 20 May 1999

LVMH Recherche

Abstract:

The invention concerns uses of d-xylose, the esters thereof and oligosaccharides containing D-xylose for improving the functionality of epidermal cells. More particularly, it concerns the use of a compound selected among the group consisting of D-xylose, its esters, in particular fatty acid esters or D-galacturonic acid ester, and oligosaccharides containing D-xylose, as cosmetic or dermatological agent for stimulating synthesis and/or secretion of proteoglycans (PG) and/or glycosaminoglycans (GAG) by keratinocytes, in particular keratinocytes of the epidermis and of tissues with a keratinocyte coating compartment such as the mucous membranes, in particular the lips, and the skin appendages, in particular hair follicles, said agent being incorporated in a cosmetic or pharmaceutical composition.

2

Cosmetics containing sugar-bound poly(amino acid)

JP 08217656 A2 19960827

Pola Kasei Kogyo Kk, Japan

Abstract:

A cosmetic contg. sugar-bound poly(amino acid) such as polylysine, polyornithine, and poly(glutamic acid) holds moisture and is useful for skin and hair conditioning. The sugar may be glycerose, arabinose, xylose, glucose, galactose, mannose, and fructose.

3

Cosmetics containing agar oligosaccharides for skin and hair

JP08151313 June 11, 1996

Kanebo Ltd., Japan

The title cosmetics are safe, have antiseptic ability, and show moisturizing effect and no stickiness. A lotion was prep'd. from squalane 5.0, glycerin trioctanoate 1.0, polyoxyethylene hydrogenated castor oil 0.5, agar oligosaccharides 1.0, 1,3-butylene glycol 5.0, EtOH 5.0, and H₂O to 100 wt.%.

Note: D-xylose is indexed for this record.

4

Xylobiose-containing cosmetic composition

JP 040306212 March 13, 1992

US5660838 August 26, 1997

EP459462B1 March 13, 1996

CA2043625 December 01, 1991

Suntory Ltd., Japan

Abstract (Derwent):

Xylobiose (I) at 0.0001-20 %, preferably 0.1-10 %, is incorporated into cosmetic compns. to provide enhanced moisture retention and to reduce excessive roughness and dryness of the skin and hair. I is also effective in preventing the occurrence of stickiness, color change and malodor in the skin preps. Thus, I was prep'd. from a plant-derived xylan by saccharification and tested for its moisture-retaining capability. A lotion contained the xylan-saccharified product (contg. greater than or equal to 95 % I) 1.0, propylene glycol 1.0, citric acid 0.2, 95 % EtOH 10.0, perfume q.s., POE lauryl ether 0.5 %, and water balance.

Abstract (US5660838)

Xylobiose-containing skin preparations for external use are disclosed. Skin preparations for external use into which xylobiose may be incorporated include cosmetics such as clear lotions, milky lotions, packs and lip treatments, drugs or quasidrugs such as ointments and cataplasms, hair-care products such as rinses and hair conditions, and detergents such as hair shampoos and body shampoos. Xylobiose is typically contained in an amount of 0.0001-20

wt %, preferably 0.1-10 wt %, of the total amount of the skin preparation on a dry solids basis. The incorporation of xylobiose is effective not only in preventing the occurrence of stickiness, color change and malodor in the skin preparations but also in providing enhanced moisture retention and reducing excessive roughness and dryness of the skin and hair.

5

Hair split-end regeneration composition

US4900545 February 13, 1990

Henkel

Abstract:

A composition for the regeneration of hair split-ends in an aqueous/alcoholic solution or emulsion containing panthenol, at least one mono- or di-saccharide, and optionally polyvinylpyrrolidone and/or a triol; as well as a method for using such composition.

Note: xylose is mentioned as a possible saccharide

Ref BASIS: 19314 ~~MX~~
 N° d'accès Derwent: 92-332912 [41]
 Titre Derwent: Hair care compsns. to improve hair strength, hold and vol. - contain cationic protein hydrolysate and carbohydrate and/or cationic, anionic or amphoteric polymer
 TEXTO_Mots-Clés Papp: SHAMPOOING RINCAGE CHEVEUX CONDITIONNEMENT RENFORCATEUR PROPRIETES_PHYSIQUES VOLUME COMPOSITION POLYPEPTIDE CATIONIQUE PROTEINE HYDROLYSAT -HYDROXYPROPYL AMMONIUM + SACCHARIDE GLUCOSE POLYMERÉ AMPHOTERE ACIDE ACRYLIQUE -ACRYLAMIDE_AMMONIACALYL POLYMERÉ CATIONIQUE POLYMERÉ ANIONIQUE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: HENKEL KGAA
 Inventeurs: GIEDE K; HOLLENBERG D; MUELLER R; SEIDEL K; GIDE K
 Priorité (N° + date): 91DE-109999 910327
 Dépôt (N° + date): 91DE-109999 910327; 92W0-E00586 920318; 92W0-E00586 920318; 93FI-003948 930909; 92EP-906596 920318; 92W0-E00586 920318 [Based on W09217153]; 92W0-E00586 920318; 93HU-002710 920318 [Based on W09217153]; 92JP-505982 920318; 92W0-E00586 920318 [Based on W09217153]; 92EP-906596 920318; 92W0-E00586 920318 [Based on W09217153]; 92DE-500988 920318; 92EP-906596 920318; 92W0-E00586 920318 [Based on EP-577636]; 92EP-906596 920318 [Based on EP-577636]
 Publication (N° + date): DE4109999 A 921001 D9241 A61K-007/06 008pp; W09217153 A1 921015 D9244 A61K-007/06 Ger 026pp; FI9303948 A 930909 D9347 A61K-000/00 000pp; EP-577636 A1 940112 D9402 A61K-007/06 Ger 000pp; HU-65715 T 940728 D9431 A61K-007/06 000pp; J06505973 W 940707 D9431 A61K-007/06 007pp; EP-577636 B1 941214 D9503 A61K-007/06 Ger 012pp; DE59200988 G 950126 D9509 A61K-007/06 000pp; ES2066607 T3 950301 D9515 A61K-007/06 000pp
 Résumé (+ Use/Advantage): DE4109999 Hair care compsns. contain a cationically derivatised protein hydrolysate (I) together with a carbohydrate (II) and/or a cationic, anionic or amphoteric polymer (III). Pref. the compsns. are formulated, e.g., as shampoos, or rinses and contain 0.1-10 (esp. 0.5-5) wt.% (I), 0.1-10 (esp. 0.5-5) wt.% (II) and 0.1-5 (esp. 0.1-2) wt.% (III). Pref. (I) is of formula (IA) (where R = protein aminoacid side chains; R1 and R2 = 1-4C alkyl; R3 = 8-22C alkyl; n is not defined). (II) is a 5-6C carbohydrate, esp. glucose. (III) is an amphoteric polymer, esp. a copolymer of acrylamidopropyl trimethylammonium chloride (APTA) and acrylic acid as described in DE3929973. ADVANTAGE - The compsns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). (Dwg.0/0); EP-577636 Hair care compsns. contain a cationically derivatised protein hydrolysate (I) together with a carbohydrate (II) and/or a cationic, anionic or amphoteric polymer (III). Pref. the compsns. are formulated, e.g., as shampoos, or rinses and contain 0.1-10 (esp. 0.5-5) wt.% (I), 0.1-10 (esp. 0.5-5) wt.% (II) and 0.1-5 (esp. 0.1-2) wt.% (III). Pref. (I) is of formula (IA) (where R = protein aminoacid side chains; R1 and R2 = 1-4C alkyl; R3 = 8-22C alkyl; n is not defined). (II) is a 5-6C carbohydrate, esp. glucose. (III) is an amphoteric polymer, esp. a copolymer of acrylamidopropyl trimethylammonium chloride (APTA) and acrylic acid as described in DE3929973. ADVANTAGE - The compsns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). EP-577636 Preparations containing typical constituents for the cleaning and care of hair, characterised in that they contain a combination of active substances consisting of (A) a cationically derivatised protein hydrolysate, (B) a carbohydrate selected from, monosaccharides, oligosaccharides, onic and uronic acids (sugar acids), sugar alcohols and glycosides, and (C) a cationic, anionic or amphi polymer. (Dwg.0/0)
 Use / Advantage: DE4109999 I ADVANTAGE > The compsns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). (Dwg.0/0); EP-577636 I ADVANTAGE > The compsns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). EP-577636 Preparations containing typical constituents for the cleaning and care of hair, characterised in that they contain a combination of active substances consisting of (A) a cationically derivatised protein hydrolysate, (B) a carbohydrate selected from, monosaccharides, oligosaccharides, onic and uronic acids (sugar acids), sugar alcohols and glycosides, and (C) a cationic, anionic or amphi polymer. (Dwg.0/0)
 Nb Priorités: 1
 Pays Désignés: CA; FI; HU; JP; PL; US; GB; GR; IT; LI; LU; MC; NL; SE; BE; CH; DE; DK; ES; FR; WO; EP
 Nb Extension: 20
 1ère Année Prior.: 91
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21
 Codes Derwent MC: A12-V04A; D08-B03; D11-A01D
 Codes C1B: A61K-007/06; A61K-007/075; A61K-007/08; A61K-007/09; A61K-007/13; C11D-001/90; C11D-003/18

Ref BASIS: 25538
 N° d'accès Derwent: 94-302162 [37]
 Titre Derwent: Relaxing of hair fibres - by lanthionising with non-reducing base and treatment with de:swelling compsn. comprising starch, sugar, salt and acid for decreasing hair structural damage, etc.
 TEXTO_Mots-Clés Papp: GLYCEROL SORBITOL SUCROSE GLUCOSE POLYMER_CATIONIQUE
 TENSIOACTIF_NONIONIQUE ACIDE_GRAS_POLYETHOXYLE
 Domaine Principal: Permanente et défrisage
 Déposants: AVLON IND INC
 Inventeurs: AHMED K; SYED A N; AHMAD K
 Priorité (N° + date): 93US-095614 930721
 Dépôt (N° + date): 93US-095614 930721; 93EP-307943 931006
 Publication (N° + date): US5348737 A 940920 D49437 A61K-007/09 008pp; EP-635259 A1 950125 D49508
 A61K-007/09 Eng 013pp
 Résumé (+ Use/Advantage): US5348737 Hair fibres are relaxed as follows: (a) the fibres are lanthionised with a non-reducing base (I); and (b) a deswelling compsn. comprising starch, sugar, salt and a pH-decreasing agent (III) (lactic acid or H3PO4) is applied to the hair. ADVANTAGE - Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/2); EP-635259 Hair fibres are relaxed as follows: (a) the fibres are lanthionised with a non-reducing base (I); and (b) a deswelling compsn. comprising starch, sugar, salt and a pH-decreasing agent (III) (lactic acid or H3PO4) is applied to the hair. ADVANTAGE - Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/2)
 Use / Advantage: US5348737 I ADVANTAGE > Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/ 2); EP-635259 I ADVANTAGE > Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/ 2)
 Nb Priorités: 1
 Pays Désignés: ES; FR; GB; NL; US; EP
 Nb Extension: 5
 Citations (EP/WO): DE2823243; FR1553084; FR22202436; US3840401; US4373540; US4602648
 1ère Année Prior.: 93
 1er Pays Prior.: US
 Codes Derwent DC: A96; D21
 Codes Derwent MC: A03-A00A; A12-V04A; D08-B03
 Codes CIB: A61K-007/09; A61K-007/11
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 MAJ Derwent Basic: 9437
 MAJ Derwent Corr.: 9508
 Nb MAJ Derwent: 2

Ref BASIS: 32386
 N° d'accès Derwent: 96-240110 [25]
 Titre Derwent: Hair restoring agent for repairing split hairs which contains no cationic surfactants, - contains an active substance combination of a cationic pantheno' deriv. and a mono: or di:saccharide, quat. mono:saccharide, sugar acid, sugar alcohol or glycoside carbohydrate component

TEXTO_Mots-Clés Papp:
 Domaine Principal: Capillaire (nettoyage,soin,coiffage)
 Déposants: HENKEL KGAA
 Inventeurs: GODDINGER D; HOLLENBERG D; PRIEBE C; SEIDEL K
 Priorité (N° + date): 94DE-440315 941111
 Dépôt (N° + date): 94DE-440315 941111; 95WO-E04281 951102
 Publication (N° + date): DE4440315 A1 960515 DW9625 A61K-007/06 008pp; WO9614824 A1 960523 DW9626 A61K-007/06 Ger 024pp

Résumé (+ Use/Avantage): DE4440315 A formulation for the treatment of keratin fibres, esp. human hair, contains an active substance combination comprising: (A) a cationic pantheno deriv.; and (B) a carbohydrate chosen from mono- or oligosaccharides, (ur)onic acids (i.e. sugar acids), sugar alcohols, glycosides or quat. monosaccharides. A method for treating hair by applying the above formulation and then rinsing it out or leaving it to stand is also claimed. USE - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. ADVANTAGE - Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Use / Advantage: DE4440315 I USE > - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. I ADVANTAGE > Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Nb Priorités: 1
 Pays Désignés: JP; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 19
 Citations (EP/WO): DE4214652; DE4324962; DE9311095; EP-287876; US5270035; US5340570; US5384118; WO8703196; WO9213829; WO9219217; WO9324101

1ère Année Prior.: 94
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E16
 Codes Derwent MC: A12-V04A; D08-B04; D08-B05; E07-A02H; E10-A07; E10-D03D
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/08; A61K-007/11; A61K-007/13
 MAJ Derwent Basic: 9625
 MAJ Derwent Corr.: 9626
 Nb MAJ Derwent: 2

Ref BASIS: 35368
 N° d'accès Derwent: 97-209205 [19]
 Titre Derwent: Shampoo compsn. improving combing properties and controlling hair damage -
contains alkenyl succinic acid sugar ester salt(s), saccharide(s), anionic
surfactant and cationised polymer
 TEXTO_Mots-Clés Papp:
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: MIKUCHI SANGYO KK; NICHIDEN KAGAKU KK
 Priorité (N° + date): 95JP-241017 950824
 Dépôt (N° + date): 95JP-241017 950824
 Publication (N° + date): J09059134 A 970304 D9719 A61K-007/075 011pp
 Résumé (+ Use/Advantage): J09059134 A shampoo compsn. contains an alkenyl succinic acid sugar ester salt(s), a saccharide(s), an anionic surfactant(s) and a cationised polymer(s). Pref. the blend ratio is 0.1-20 wt.% of the ester salt, 0.1-45 wt.% of saccharides, 1.5-20 wt.% of the surfactant, 0.1-5 wt.% of the polymer and remaining water. Pref. it contains one or more of amphoteric, nonionic and cationic surfactants. Pref. the blend ratio is 0.1-20 wt.% of the ester salt, 0.1-45 wt.% of saccharides, 1.5-20 wt.% of anionic surfactants, 0.1-5 wt.% of the polymer, up to 20 wt.% of amphoteric surfactants, up to 5 wt.% of nonionic surfactants, up to 5 wt.% of cationic surfactants water. ADVANTAGE - The compsn. improves smoothness and fiber-combing properties on shampooing and imparts good softness, smoothness and combing properties without stickiness after shampooing. It also controls proceeding of hair damage. (Dwg.0/0)
 Use / Advantage: J09059134 I ADVANTAGE > The compsn. improves smoothness and fiber-combing properties on shampooing and imparts good softness, smoothness and combing properties without stickiness after shampooing. It also controls proceeding of hair damage. (Dwg.0/0)
 Nb Priorités: 1
 Pays Désignés: JP
 Nb Extension: 1
 1ère Année Prior.: 95
 1er Pays Prior.: JP
 Codes Derwent DC: A96; D21; E19
 Codes Derwent MC: A12-V04A; D08-B04; E07-A02D; E10-A07
 Codes CIB: A61K-007/075; C11D-001/28; C11D-003/20; C11D-003/22; C11D-003/37
 MAJ Derwent Basic: 9719
 MAJ Derwent Corr.:
 Nb MAJ Derwent: 0

Ref BASIS: 36364
N° d'accès Derwent: 97-340896 [31]
Titre Derwent: Reduction of damage to hair during lanthionising - using composition containing lanthionising agent with hydrogenated starch hydrolysate and/or sugar

TEXTO_Mots-Clés Papp:
Domaine Principal: Permanente et défrisage
Déposants: AVLON IND INC —
Inventeurs: AHMAD K; SYED A N
Priorité (N° + date): 94US-345587 941128
Dépôt (N° + date): 94US-345587 941128; 95ZA-009297 951103
Publication (N° + date): US5641477 A 970624 D9731 A61K-007/09 011pp; ZA9509297 A 970730 D9735 A61K-000/00 047pp

Résumé (+ Use/Avantage): US5641477 Reduction of damage to hair during lanthionising comprises: (a) applying a lanthionising composition comprising: (i) a lanthionising agent of pH 12.0-13.5; (ii) a hydrogenated starch hydrolysate, and/or (iii) a sugar, to the hair fibres, and (b) removing the composition after sufficient time to obtain the desired degree of lanthionisation. Also claimed is the lanthionising composition as above. USE |- The process is used for relaxing hair fibres. ADVANTAGE - This process allows relaxation of hair fibres with minimum swelling and reduced damage to the fibres compared with previous processes. The treated hair has greater tensile strength than that of hair treated by previous methods. (Dwg.0/0)

Use / Advantage: US5641477 | USE > - The process is used for relaxing hair fibres. | ADVANTAGE > This process allows relaxation of hair fibres with minimum swelling and reduced damage to the fibres compared with previous processes. The treated hair has greater tensile strength than that of hair treated by previous methods. (Dwg.0/0)

Nb Priorités: 1
Pays Désignés: US; ZA
Nb Extension: 2
1ère Année Prior.: 94
1er Pays Prior.: US
Codes Derwent DC: D17; D21; E13; E17
Codes Derwent MC: D06-G; D08-B05; E07-A02A
Codes CIB: A61K-000/00; A61K-007/06; A61K-007/09
MAJ Derwent Basic: 9731
MAJ Derwent Corr.: 9735
Nb MAJ Derwent: 1

Ref BASIS: 34453
 N° d'accès Derwent: 97-054432 [06]
 Titre Derwent: Hair treatment agent which repairs split ends and washes out well - contg. fucose and opt. amorphous silica, polyacrylamide and fatty acid ester, useful for uniform repair and avoiding residue in hair

TEXTO_Mots-Clés Papp:
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: GOLDWELL GMBH
 Inventeurs: HEINZ D; HINZ S

Priorité (N° + date): 960E-004845 960210; 950E-1023651 950629
 Dépôt (N° + date): 96EP-108135 960522; 96EP-108135 960522; 96DE-500016 960522; 96EP-108135 960522
 [Based on EP-750900]
 Publication (N° + date): EP-750900 A1 970102 D9706 A61K-007/06 Ger 007pp; EP-750900 B1 970806 D9736 A61K-007/06 Ger 007pp; DE59600016 G 970911 D9742 A61K-007/06 000pp

Résumé (+ Use/Advantage): EP-750900 A hair treatment agent contains fucose. USE | - A compsn. contg. fucose or a compsn. contg. a combination of fucose and fatty acid ester(s) of the formula R-C(O)-O-R' (I); in which R = 6-12 C alkyl, R' = 12-22 C alkyl; is used for treating split ends (all claimed). ADVANTAGE - The compsn. repairs split ends and, in contrast to other formulations, esp. those based on viscous oils, also washes out well. (Dwg.0/0); XX-0900 Composition for the treatment of hair, containing fucose in combination with polyacrylamide. (Dwg.0/0)

Use / Advantage: EP-750900 | USE > - A compsn. contg. fucose or a compsn. contg. a combination of fucose and fatty acid ester(s) of the formula R-C(O)-O-R' (I); in which R = 6-12 C alkyl, R' = 12-22 C alkyl; is used for treating split ends (all claimed). ! ADVANTAGE > The compsn. repairs split ends and, in contrast to other formulations, esp. those based on viscous oils, also washes out well. (Dwg.0/0); XX-0900 empty field

Nb Priorités: 3
 Pays Désignés: BE; CH; DE; FR; GB; LI; NL; EP
 Nb Extension: 7

Citations (EP/WO): EP-287876; EP---5807; GB2164558; J07331281
 1ère Année Prior.: 95
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E13; E17
 Codes Derwent MC: A04-D04A; A12-V04A; D08-B03; E10-A07
 Codes CIB: A61K-007/06

MAJ Derwent Basic: 9706
 MAJ Derwent Corr.: 9742
 Nb MAJ Derwent: 2

Ref BASIS: 32386
 N° d'accès Derwent: 96-240110 [25]
 Titre Derwent: Hair restoring agent for repairing split hairs which contains no cationic surfactants, - contains an active substance combination of a cationic panthenol deriv. and a mono- or di:saccharide, quat. mono:saccharide, sugar acid, sugar alcohol or glycoside carbohydrate component

TEXTO Mots-Clés Papp:
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: HENKEL KGAA
 Inventeurs: GODDINGER D; HOLLENBERG D; PRIEBE C; SEIDEL K
 Priorité (N° + date): 94DE-440315 941111
 Dépôt (N° + date): 94DE-440315 941111; 95WO-E04281 951102
 Publication (N° + date): DE4440315 A1 960515 D49625 A61K-007/06 008pp; WO9614824 A1 960523 D49626 A61K-007/06 Ger 024pp

Résumé (+ Use/Advantage): DE4440315 A formulation for the treatment of keratin fibres, esp. human hair, contains an active substance combination comprising: (A) a cationic panthenol deriv.; and (B) a carbohydrate chosen from mono- or oligosaccharides, (uronic acids (i.e. sugar acids), sugar alcohols, glycosides or quat. monosaccharides. A method for treating hair by applying the above formulation and then rinsing it out or leaving it to stand is also claimed. USE - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. ADVANTAGE - Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Use / Advantage: DE4440315 I USE > - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. I ADVANTAGE > Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Nb Priorités: 1
 Pays Désignés: JP; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 19
 Citations (EP/WO): DE4214652; DE4324962; DE9311095; EP-287876; US5270035; US5340570; US5384118; WO8703196; WO9213829; WO9219217; WO9324101

1ère Année Prior.: 94
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E16
 Codes Derwent MC: A12-V04A; D08-B04; D08-B05; E07-A02H; E10-A07; E10-D030
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/08; A61K-007/11; A61K-007/13
 MAJ Derwent Basic: 9625
 MAJ Derwent Corr.: 9626
 Nb MAJ Derwent: 2

Ref BASIS: 38694
N° d'accès Derwent: 98-161151 [15]
Titre Derwent: Protecting chemically processed hair during subsequent chemical processing - by applying composition comprising e.g. sugar or polyol and cationic or nonionic polymer
Domaine Principal: Permanente et défrisage
Autres Domaines: Coloration et décoloration (cheveux)
Déposants: AVLON IND INC
Inventeurs: HABIB W W; SYED A N
Priorité (N° + date): 96US-713760 960913
Dépôt (N° + date): 97EP-307166 970915
Publication (N° + date): EP-829255 A2 980318 D9815 A61K-007/06 Eng 021pp
N° Zoom: 9811
Résumé (+ Use/Advantage): EP-829255 Chemically process hair is protected from damage during further chemical processing by (a) applying a composition (I) comprising (i) at least one of a sugar, starch hydrolysate, sorbitol, glycerol, propylene glycol or polyol, and (II) at least one cationic or polar, non-ionic polymer; (b) then processing the hair by the process previously used; and (c) rinsing to remove all chemicals. A composition (II), comprising (I) in a cosmetically acceptable medium, for use in protecting chemically treated hair during subsequent relaxing, is claimed per se. Also claimed is a single-use kit for processing previously chemically processed hair, comprising a single use portion of a composition for chemically processing hair, and a single use portion of composition (I). USE |- The chemical processing may be relaxing, colouring, bleaching or permanent waving. (Dwg.0/0) EP-829255 | USE > - The chemical processing may be relaxing, colouring, bleaching or permanent waving. (Dwg.0/0)
Use / Advantage:
Nb Priorités: 1
Pays Désignés: AL; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; NL; PT; RO; SE; SI; US; EP
Nb Extension: 24
1ère Année Prior.: 96
1er Pays Prior.: US
Codes Derwent DC: A96; D21; E19
Codes Derwent MC: A12-V04A; D08-B05; E07-A02A; E10-A07; E10-E04H
Codes CIB: A61K-007/06
MAJ Derwent Basic: 9815
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

11/17/99 12:51:33 PM

Ref BASIS: 41069
N° d'accès Derwent: 98-533192 [46]
Titre Derwent: Use of fucose and acyl-amino-diol derivative - to prevent split ends in treatment
of hair
Domaine Principal: Capillaire (nettoyage, soin, coiffage)
Déposants: GOLDWELL GMBH
Priorité (N° + date): 97DE-2009853 970606
Dépôt (N° + date): 97DE-2009853 970606
Publication (N° + date): DE29709853 U1 981008 D49846 A61K-007/06 012pp
Résumé (+ Use/Advantage): DE29709853 Use of fucose and an acylaminodiol of formula (I) for treating hair is new. R1, R2 = 10-22C alkyl or alkenyl; R3 = Me, Et, propyl or isopropyl; and n = 1-6 (preferably 2 or 3). USE |- The composition can be used as a gel, solution, emulsion or dispersion. ADVANTAGE - The presence of fucose allows treatment of split ends and also improves washing. (Dwg.0/0)
Use / Advantage: DE29709853 | USE > - The composition can be used as a gel, solution, emulsion or dispersion. | ADVANTAGE > The presence of fucose allows treatment of split ends and also improves washing. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: DE
Nb Extension: 1
1ère Année Prior.: 97
1er Pays Prior.: DE
Codes Derwent DC: D21; E16
Codes Derwent MC: D08-B04; D08-B05; E07-A02H; E10-D03C
Codes CIB: A61K-007/06
MAJ Derwent Basic: 9846
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

11/17/99 12:50:32 PM

Ref BASIS: 42105
N° d'accès Derwent: 99-054262 [05]
Titre Derwent: Hair treatment composition - contains fucose and at least one fatty acid ester and does not contain a cationic silicone derivative
Domaine Principal: Capillaire (nettoyage, soin, coiffage)
Déposants: KAO CORP
Priorité (N° + date): 97JP-133007 970508
Dépôt (N° + date): 97JP-133007 970508
Publication (N° + date): J10306017 A 981117 D9905 A61K-007/06 003pp
Résumé (+ Use/Advantage): J10306017 A hair treatment composition contains fucose and 1-20 wt. % of at least one fatty acid ester of formula R-C(=O)-R1 (I) and does not contain a cationic silicone derivative. In (I), R = linear or branched 6-12C alkyl; R1 = linear or branched 14-22C alkyl. ADVANTAGE - The present composition exhibits an effect for protecting split hair, and it can easily washed off from hair. (Dwg.0/0)
Use / Advantage: J10306017 I ADVANTAGE > The present composition exhibits an effect for protecting split hair, and it can easily washed off from hair. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 97
1er Pays Prior.: JP
Codes Derwent DC: D21; E17
Codes Derwent MC: D08-B03; E10-F02C; E10-G02H2
Codes CIB: A61K-007/06
MAJ Derwent Basic: 9905
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

Ref BASIS: 33347
N° d'accès Derwent: 96-439454 [44]
Titre Derwent: Skin care toiletry with improved moistening properties - contains
saccharide-linked poly:amino acid formed by covalently binding poly:amino acid
with saccharide and/or deriv.
TEXT0_Mots-Clés Papp:
Domaine Principal: Soin de la peau (supports, produits et formulations)
Déposants: POLA CHEM IND INC
Priorité (N° + date): 95JP-024825 950214
Dépôt (N° + date): 95JP-024825 950214
Publication (N° + date): J08217656 A 960827 D9644 A61K-007/48 018pp
Résumé (+ Use/Advantage): J08217656 Toiletry contains saccharide-linked polyamino acid formed by covalently
binding polyamino acid with a saccharide and/or its deriv. ADVANTAGE - The
toiletry has improved moisture absorption, moistening, cell activation and
refreshment of skin and hair. (Dwg.0/11)
Use / Advantage: J08217656 I ADVANTAGE > The toiletry has improved moisture absorption, moistening,
cell activation and refreshment of skin and hair. (Dwg.0/11)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 95
1er Pays Prior.: JP
Codes Derwent DC: A23; A96; D21
Codes Derwent MC: A05-F03; A10-E01; A12-V04C; D08-B09A
Codes C1B: A61K-007/00; A61K-007/06; A61K-007/48
MAJ Derwent Basic: 9644
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

Ref BASIS: 30026
N° d'accès Derwent: 95-379956 [49]
Titre Derwent: Hair cosmetic material with good set retaining power - contains hemi-cellulose, pref. soluble in water
TEXTO_Mots-Clés Papp:
Domaine Principal: Capillaire (nettoyage, soin, coiffage)
Déposants: SHISEIDO CO LTD
Priorité (N° + date): 94JP-054078 940324
Dépôt (N° + date): 94JP-054078 940324
Publication (N° + date): J07258041 A 951009 D-9549 A61K-007/06 007pp
Résumé (+ Use/Advantage): J07258041 Hair cosmetic material contains at least 1 hemicellulose. Pref. the hemicellulose is soluble in water. Pref. the blend ratio of the hemicelluloses is 0.1-30 wt %. The hemicellulose is e.g. at least 1 of heteroglycans contg. D-xylose, L-arabinose, D-glucose, D-galactose, D-mannose and/or D-glucuronic acid, homoglycans, arabinoxylan and arabinan. ADVANTAGE The material has high set-retaining power and good feel. (Dwg.0/0)
Use / Advantage: J07258041 1 ADVANTAGE > The material has high set-retaining power and good feel. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 94
1er Pays Prior.: JP
Codes Derwent DC: D21
Codes Derwent MC: D08-B03
Codes CIB: A61K-007/06; A61K-007/11
Nb MAJ Derwent: 1

Ref BASIS: 12612
 N° d'accès Derwent: 89-289734 [40]
 Titre Derwent: Compsn. for external drug and (hair) cosmetics - contains acidic hetero-polysaccharide comprising arabinose mannose and galactose, etc. obtd. by culturing Polianthes tuberosa L
 TEXT0_Mots-Clés Papp: PEAU CHEVEUX SOIN HYDRATATION ADOUSSANT HETEROPOLYSACCHARIDE ACIDE PREPARATION
 CULTURE TISSU VEGETAL POLIANTHES TUBEROSA
 Domaine Principal: Soin de la peau (supports, produits et formulations)
 Déposants: KAO CORP
 Priorité (N° + date): 88JP-039226 880222
 Dépôt (N° + date): 88JP-039226 880222; 88JP-039226 880222 [Based on J01213213]
 Publication (N° + date): J01213213 A 890828 D8940; J93029329 B 930430 D9320 A61K-007/48 006pp
 Résumé (+ Use/Advantage): J01213213 Compsn. contains 0.0001-10 wt.% acidic heteropolysaccharide comprising arabinose, mannose, galactose, xylose and glucuronic acid prep. from tissue culture of Polianthes tuberosa L. After a bud of Polianthes tuberosa L is innoculated on the callus induction culture, callus is induced, subcultivated through at least ten passages and subjected to shake culture. The cell-free culture medium is concd. using a rotary evaporator. The the concd. soln. 3 vol. ethanol is added and left at 5 deg.C for 24 hrs. The sediment is collected using a centrifuge, washed with 70% ethanol and freeze- dried. The yield is 1.91 g/l/30 days. USE | Compsn. is used for extenal medical drug, cosmetics and hair cosmetics, etc. It has a moisture-protecting effect of the skin, softening and smoothing effects. (8pp Dwg.No.0/0)
 Use / Advantage: J01213213 | USE > Compsn. is used for extenal medical drug, cosmetics and hair cosmetics, etc. It has a moisture-protecting effect of the skin, softening and smoothing effects. (8pp Dwg.No.0/0)
 Nb Priorités: 1
 Pays Désignés: JP
 Nb Extension: 1
 1ère Année Prior.: 88
 1er Pays Prior.: JP
 Codes Derwent DC: B04; D21; E13; D16; D17
 Codes Derwent MC: B04-C020; B12-A07; B12-L02; B12-L05; B12-M02F; D05-C08; D06-H; D08-B; E07-A02
 Codes CIB: A61K-007/06; A61K-007/48; A61K-031/72; A61K-031/725; A61K-035/78; C08B-037/00
 Nb MAJ Derwent: 1

Ref BASIS: 15346
 N° d'accès Derwent: 90-367685 [49]
 Titre Derwent: Conditioning and permanent waves compsn. - comprising conventional waving soln. with carbohydrate mixt.
 TEXTO_Mots-Clés Papp:
 Domaine Principal: Permanente et défrisage
 Déposants: SHISEIDO KK
 Inventeurs: RUBINSTEIN A; ERSKINE E; BULAKITES D W; KLEMN E J
 Priorité (N° + date): 87US-086157 870817
 Dépôt (N° + date): 87US-086157 870817
 Publication (N° + date): US4971080 A 901120 D9049
 Résumé (+ Use/Advantage): US4971080 Combined conditioning and permanent waving compsns. for direct applicn. to hair comprise 0.1-75% of a carbohydrate (I) mixt.. and a cold permanent waving lotion (to 100%). Pref. (I) are glucose syrup, or esp. corn syrup (pref. contg. 20-90% esp. 38-57% dextrose (Type II corn syrup); with fructose, maltose, isomaltose, triose, and higher mol.wt. saccharides). Compsns. pref. comprise 0.1-5% (I) for normal hair, 10-20% (I) for tinted hair, 30-50% (I) for ultra light hair, or 40-75% (I) for bleached hair. USE | The single, cold permanent waving compsn. simultaneously conditions the hair and produces a uniform permanent wave over the whole head regardless of the damaged condition of portions of hair fibre. In addn. increased damage is because of the waving is prevented, and the compsn. is easily applied. (7pp Dwg.No.0/0)
 Use / Advantage: US4971080 | USE > The single, cold permanent waving compsn. simultaneously conditions the hair and produces a uniform permanent wave over the whole head regardless of the damaged condition of portions of hair fibre. In addn. increased damage is because of the waving is prevented, and the compsn. is easily applied. (7pp Dwg.No.0/0)
 Nb Priorités: 1
 Pays Désignés: US
 Nb Extension: 1
 1ère Année Prior.: 87
 1er Pays Prior.: US
 Codes Derwent DC: D21
 Codes Derwent MC: D08-805
 Codes CIB: A61K-007/09
 Nb MAJ Derwent: 1

Ref BASIS: 18356
 N° d'accès Derwent: 92-042677 [06]
 Titre Derwent: Hair cosmetic material - contains component(s), selected from extract of corn
 grains, using aq. sulphurous acid, water-soluble natural sugar, blood plasma etc.
 TEXTO_Mots-Clés Papp: 01 DOMAINE 02 DOMAINE CONDITIONNEMENT CHEVEUX DEGRADE REGENERATION PROTECTION
 DÉTERIORATION PERMANENTE TEINTURE ADJUVANT EXTRAIT VÉGÉTAL MAIS + SUCRE NATUREL +
 PLASMA SANG CARRAGEENAN SHELLAC CELLULOSE SOLUBLE BIOPOLYMER KERATINE
 CYCLODEXTRINE COPOLYMER ACRYLIQUE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: JAPAN HAPPY KK
 Inventeurs: INOUE T
 Priorité (N° + date): 90JP-304377 901109; 90JP-206217 900803
 Dépôt (N° + date): 91EP-101769 910208; 90JP-206217 900803; 90JP-304377 901109; 90JP-206217 900803
 [Based on J04091015 J; 90JP-304377 901109 [Based on J04178318]
 Publication (N° + date): EP-469232 A 920205 Dwg. No. 0/0; J04091015 A 920324 Dwg. No. 009pp; J04178318 A 920625
 Dwg. No. 010pp; J94104616 B2 941221 Dwg. No. 9504 A61K-007/06 007pp; J95000537
 B2 950111 Dwg. No. 9506 A61K-007/09 003pp
 Résumé (+ Use/Advantage): EP-469232 Material for a hair cosmetic contains at least one selected from among
 an extract obt. from corn grains by use of sulphurous acid water soln, water
 soluble natural sugar, blood plasma or substitute blood plasma, shellac, keratin,
 carrageenan, a soluble cellulose, amylose and an acrylic copolymer. Also claimed
 is a liq. mixt. material for a hair cosmetic, a cold permanent wave treatment
 agent of a hair colouring agent all contg. the material. The extract obt. from
 corn grains by use of sulphurous acid water soln. pref. includes inositol, choline
 and lactic acid. The liquid mixt. material for hair cosmetic, pref. contains
 0.5-90 wt.% of the extract, 0.5-90 wt.% of water-soluble natural sugar and 0.5-90
 wt.% blood plasma. The liquid material for hair cosmetic pref. contains 10-90 wt.%
 of total of a mixt material of the extract, water-soluble natural sugar and blood
 plasma and 90-10 wt.% of a component selected from carrageenan, shellac, a soluble
 cellulose, keratin, amylose and an acrylic copolymer. USE | The hair cosmetic
 contg. the material is capable of curing hair damaged by cold permanent wave
 treatment, hair colouring treatment etc. and improves the colour, gloss, feel and
 combing smoothness of the hair. (12pp Dwg. No. 0/0)
 Use / Advantage: EP-469232 | USE | The hair cosmetic contg. the material is capable of curing hair
 damaged by cold permanent wave treatment, hair colouring treatment etc. and
 improves the colour, gloss, feel and combing smoothness of the hair. (12pp
 Dwg. No. 0/0)
 Nb Priorités: 2
 Pays Désignés: DE; FR; GB; IT; JP; EP
 Nb Extension: 5
 Citations (EP/WO): J63301809; J59157010; J01040415; US4374825; EP-279016; US4685913; EP---5807;
 US4180561; DE3130894; EP-180968
 1ère Année Prior.: 90
 1er Pays Prior.: JP
 Codes Derwent DC: A96; D21
 Codes Derwent MC: A03-A00A; A03-A05; A03-C01; A04-F01A; A12-V04A; D08-B03; D08-B05
 Codes CIB: A61K-007/06; A61K-007/09; A61K-007/13
 MAJ Derwent Basic: 9206
 MAJ Derwent Corr.: 9506
 Nb MAJ Derwent: 2

Ref BASIS: 16893
 N° d'accès Derwent: 91-227363 [31]
 Titre Derwent: Hair treatment agent for restoring damaged hair - is based on water soluble natural saccharide(s) plasma and/or plasma substitutes
 TEXTO_Mots-Clés Papp: CHEVEUX DEGRADE REGENERATION CONDITIONNEMENT FORMULATION SACCHARIDE GLUCOSE DEXTRANE PULLULAN + SERUM SANG POLYMER PVP POLYVINYLALCOOL KERATINE_HYDROLYSAT SHELLAC
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: JAPAN HAPPY KK
 Priorité (N° + date): 89JP-286358 891102
 Dépôt (N° + date): 89JP-286358 891102
 Publication (N° + date): J03148211 A 910625 D9131
 Résumé (+ Use/Advantage): J03148211 Agent is based on at least one of water-soluble natural saccharides, plasma, and plasma substitutes. The agent is pref. mixed with shellac of a natural resin and/or protein keratin. The agent is applied to the hair and heat-treated at 40-50 deg. for 10-20 min or swelled with an alkali agent(s). USE | Agent durably restores damaged hair. (3pp Dwg. No. 0/0)
 Use / Advantage: J03148211 | USE | Agent durably restores damaged hair. (3pp Dwg. No. 0/0)
 Nb Priorités: 1
 Pays Désignés: JP
 Nb Extension: 1
 1ère Année Prior.: 89
 1er Pays Prior.: JP
 Codes Derwent DC: D21
 Codes Derwent MC: D08-B03
 Codes CIB: A61K-007/06
 Nb MAJ Derwent: 1

Ref BASIS: 14818
N° d'accès Derwent: 90-287814 [38]
Titre Derwent: Hair cosmetic material compsn. - contg. trans:glutaminase, water-soluble poly:hydric alcohol and opt. calcium salt
TEXTO_Mots-Clés Papp:
Domaine Principal: CHEVEUX CONDITIONNEMENT SURFACE RENFORCATEUR FORMULATION ENZYME TRANSGLUTAMINASE + POLYOL ETHYLENEGLYCOL GLYCEROL GLUCOSE + SEL_MINERAL CALCIUM CACL2
Déposants: Capillaire (nettoyage,soin,coiffage)
KANEBO KK
Priorité (N° + date): 89JP-025198 890202
Dépôt (N° + date): 89JP-025198 890202
Publication (N° + date): J02204407 A 900814 D9038
Résumé (+ Use/Advantage): J02204407 A new hair cosmetic material compsn. contains transglutaminase and a water-soluble polyhydric alcohol. The compsn. pref. contains a calcium salt additionally. The alcohol is, e.g., ethylene glycol, glycerol, or glucose. The calcium salt is, e.g., calcium chloride or calcium acetate. USE > Stable a compsn. having a good effect of restoring the surface of damaged hair. (6pp Dwg.No.0/0)
Use / Advantage: J02204407 ! USE > Stable a compsn. having a good effect of restoring the surface of damaged hair. (6pp Dwg.No.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 89
1er Pays Prior.: JP
Codes Derwent DC: D16
Codes Derwent MC: D05-A02C; D08-B03
Codes CIB: A61K-007/06
Nb MAJ Derwent: 1

Ref BASIS: 12028; 4
 N° d'accès Derwent: 89-214021 [30]
 Titre Derwent: Betaine gp-contg. polysaccharide with recurring anhydro-glucose units - used in hair compsns., fibre or fabric treatment, paper pulp prodn. and as thickeners
 TEXTO_Mots-Clés Papp: POLYMER_AMPHOTERE POLYSACCHARIDE BETAIN CELLULOSE_ETHER_BETAIN SY PREPARATION CHEVEUX SOIN CONDITIONNEMENT EPAISSANT
 Domaine Principal: Polymères cosmétiques (nouveaux composés)
 Déposants: GOLDSCHMIDT TH AG; GOLDSCHMIDT AG TH
 Inventeurs: GRUENING B; HOFFMANN K; KOERNER G; KOLLMEIER H J; KOLLMEIER H
 Priorité (N° + date): 88DE-820030 880613
 Dépôt (N° + date): 88DE-820030 880613; 89GB-013530 890613; 89FR-006991 890529; 89GB-013530 890613; 89US-353349 890517; 89IT-048048 890606 [Div ex]; 89US-353349 890517; 92US-835629 920213 [Div ex US512446]
 Publication (N° + date): DE3820030 C 890727 D8930; GB2219588 A 891213 D8950; FR2632647 A 891215 D89006; GB2219588 B 910814 D9133; US5124446 A 920623 D9228 C07H-015/00 009pp; IT1231523 B 911207 D9238 A61K-000/00 000pp; US5243072 A 930907 D9337 C07C-229/00 008pp
 Résumé (+ Use/Advantage): DE3820030 A polysaccharide with recurring anhydro glucose units I possesses N-(3-chloro-2-hydroxy propyl)-N-carboxyalkyl-N, N-dialk ylammonium betaine gps. ClCH₂-CHOH-CH₂-N(+)-R₃R₄-R₅-COO(-) (II) (where each R₁ is -CH₃, (C_nH_{2n}O)_mR₂ or (III), n=2 or 3; m=0-10; R₂ is H or -CH₂-CHOH-CH₂-N(+)-R₃R₄-R₅-COO(-); R₃ and R₄ each are 1-4C alkyl; R₅ is a divalent 1-10C aliphatic hydrocarbon gp and at least 0.5% (5-20%) of the R₁ gps are betaine gps. Such a polysaccharide may be prepd by reacting a polysaccharide with recurring anhydroglycose units with NaOH in a polar organic solvent and then reacting with a betaine (II). USE | The polysaccharides give hair an improved smoothness shine and combability and are also useful as thickeners and protective colloids. Used to treat fibres, fabrics etc. to improve the handle by lowering electrostatic charge. Also useful for addn. to paper pulp and for thickening aq. binders. (12pp Dwg.No.0/0); GB2219588 A polysaccharide comprising recurring anhydroglucose units of the average general formula (I): wherein the groups R₁ are identical or different and each is a methyl, (C_nH_{2n}O)_mR₂ or gp. (I) in which n is 2 or 3, m is 0 to 10 and p is 0 to 10, and R₂ is hydrogen or a betaine group of formula (II): in which R₃ and R₄ are identical or different each is a straight chain or branched C1-C4 alkyl group and R₅ is a straight chain or branched divalent aliphatic C1-C10 hydrocarbon group, with the proviso that at least 0.5% of the radicals R₁ in the polysaccharide molecule comprise a betaine group.; US5124446 Betaine gp.-contg. polysaccharide has recurring shydro-glucose units of formula (I). Each R₁ is Me, (C_nH_{2n}O)_mR₂ or CH₂CH(CH₂OH)₀PR₂; n is 2 or 2; m and p are each 0-10; R₂ is H or CH₂CH(OH)CH₂N(R₃)(R₄)R₅-COO; R₃ and R₄ are each (1-4C)alkyl; and R₅ is divalent (1-10C)aliphatic hydrocarbon; such that 0.5% or more of the R₁ gps. are the betaine gp. USE | In synthesis of cosmetic preps. as hair care compsns. (Dwg.0/0); US5243072 Betaine cpd has Formula ClCH₂CH(OH)CH₂N(R₃)R₅COO; where R₃ and R₄ are each (1-4C)alkyl, and R₅ is divalent (1-10C)aliphatic. Betaine gp-contg. polysaccharide with recurring anhydro-glucose units have formula (I), and are prepd. from the betaine cpd. R₁ is Me, (C_nH_{2n}O)_mR₂ or CH₂CH(CH₂OH)₀PR₂; R₂ is H or CH₂CHOHCH₂N(R₃)(R₄)R₅COO; n is 2 or 3; and m and p are each 0-10. At least 0.5% of the R₁ gps are the betaine. USE | As hair care or other cosmetic prepn. (Dwg.0/0)
 Use / Advantage: DE3820030 | USE > The polysaccharides give hair an improved smoothness shine and combability and are also useful as thickeners and protective colloids. Used to treat fibres, fabrics etc. to improve the handle by lowering electrostatic charge. Also useful for addn. to paper pulp and for thickening aq. binders. (12pp Dwg.No.0/0); GB2219588 empty field; US5124446 | USE > In synthesis of cosmetic preps. as hair care compsns. (Dwg.0/0); US5243072 | USE > As hair care or other cosmetic prepn. (Dwg.0/0)
 Nb Priorités: 1
 Pays Désignés: DE; GB; FR; US; IT
 Nb Extension: 5
 1ère Année Prior.: 88
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E13; F06; D11; F09
 Codes Derwent MC: A03-A00A; A12-V04; A12-V04A; D08-B03; E10-A22D; F03-C05; F05-A02A; F05-A06C; E10-A22E
 Codes CIB: A61K-007/06; C07C-101/30; C07C-229/28; C07H-001/00; C07H-015/00; C088-011/19; C088-031/12; C08L-001/28
 Nb MAJ Derwent: 1

Ref BASIS: 15205 ~~✓~~
 N° d'accès Derwent: 90-349968 [47]
 Titre Derwent: Detergent compsn. used as hair and body shampoo - comprises alkyl:saccharide
surface active agent and silicone deriv.
 TEXTO_Mots-Clés Papp: 11_DOMAINE SHAMPOOING PEAU CHEVEUX NETTOYAGE FORMULATION TENSIOACTIF NONIONIQUE
 SUCCROETHER POLYGLUCOSIDE_ALKYL GLUCOSIDE_ALKYL_GRAS + POLYSILOXANE_DIMETHYL
 POLYSILCXANE METHYLPHENYL SILICONE AMINO SILICONE ESTER SILICONE POLYALCOXY
 SILICONE CYCLIQUE SILICONE PERFLUOURE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: KAO CORP
 Inventeurs: TAKAMURA H; KAMEGAI J; HIROTA H
 Priorité (N° + date): 89JP-123964 890517
 Dépôt (N° + date): 90EP-108906 900511; 89JP-123964 890517; 90US-521845 900510
 Publication (N° + date): EP-398177 A 901122 D9047; J02304016 A 901217 D9105; US5035832 A 910730 D9133
 Résumé (+ Use/Advantage): EP-398177 An improved detergent compsn. (1) is claimed comprising combined use of
 an alkyl saccharide, non-ionic surface active agent, and a silicone deriv.
 Alkylsaccharide is pref. of general formula (a) $R_1-O-(R_2O)_t-(G)p$ where R_1 = alkyl,
 alkenyl or alkynyl of 6-18C; R_2 = 2-4C alkylene; G = 5-6C reduced
 saccharide; t = 0-10; p = 1-10. Pref. 6-18C = 8-12C, e.g. octyl, decyl, lauryl; t
 = 0-4, most pref. 0; G = glucose, galactose or fructose; p = 1-6. Where R_1 is of
 average C content of 8-11, pref. p = 1-1.4, where R_1 is of average C content of
 12-14, pref. p = 1.5-4. Pref. amt. is 1-50%, esp. pref. 5-30%. USE | (1) is used
 as a shampoo and a skin cleaner. (1) gives a fine, creamy foam with minimal
 irritation to skin and hair. It gives a tense, slippery feeling to hair, and a
 light, soft feeling to the skin. (11pp Dwg.No.0/0); US5035832 Detergent compsn.
 comprises (a) 1-50% of a alkyl saccharide surface active agent of formula
 $R_1-O-(R_2O)_t-(G)p$; and (b) 0.1-10% of silicone deriv. R_1 is opt. branched (6-18C)
 alkyl, -alkenyl, or -alkylphenyl; R_2 is (2-4C)alkylene; G is a reduced (5-6C)
 saccharide residue; t is 0-10; and p is 1-10. Cpd. (b) is dimethylpolysiloxane,
 methylphenylpolysiloxane, cyclic silicone, or silicone modified by amino, fatty
 acid, alcohol, fatty acid alcohol, -polyether, -epoxy, -fluorine, or -alkyl. USE
 | As shampoo or body shampoo, to impart least irritations to skin and hair, tense
 slippery feeling to hair, and light refreshing feeling to skin. (6pp)
 Use / Advantage: EP-398177 | USE > (1) is used as a shampoo and a skin cleaner. (1) gives a fine,
 creamy foam with minimal irritation to skin and hair. It gives a tense, slippery
 feeling to hair, and a light, soft feeling to the skin. (11pp Dwg.No.0/0);
 US5035832 | USE > As shampoo or body shampoo, to impart least irritations to skin
 and hair, tense slippery feeling to hair, and light refreshing feeling to skin.
 (6pp)
 Nb Priorités: 1
 Pays Désignés: AT; CH; DE; ES; FR; GB; LI; NL; JP; EP; US
 Nb Extension: 10
 Citations (EP/WO): EP-337354; EP-308190; EP-308189; GB2128627
 1ère Année Prior.: 89
 1er Pays Prior.: JP
 Codes Derwent DC: A96; D21; E13; A26
 Codes Derwent MC: A06-A00E3; A12-V04; D08-B04; D08-B09A
 Codes CIB: A61K-007/07; C11D-001/66; C11D-003/37
 Nb MAJ Derwent: 1

Ref BASIS: 21839
 Nº d'accès Derwent: 93-2513. 2]
 Titre Derwent: Aq. liq. shampoo compsns. - comprising alkyl poly-glycoside with minor amts. of short chain fatty acid soap
 TEXTO_Mots-Clés Papp:
 Domaine Principal: TAMPON OPACIFIANT EPAISSANT CELLULOSE_HYDROXYPROPYL POLYMER_CATIONIQUE CIRE
 Autres Domaines: Capillaire (nettoyage, soin, coiffage)
 Autres Domaines: Nettoyage de la peau (savons, démaquillants, bain, déplatoires, rasage)
 Déposants: UNILEVER PLC; UNILEVER NV; UNILEVER LTD
 Inventeurs: SHANAA M; STEER D C; SHANAA M
 Priorité (Nº + date): 92GB-002568 920207
 Dépôt (Nº + date): 93EP-300837 930204; 93AU-032881 930205; 93BR-000483 930204; 93CA-088650 930202;
 93JP-018830 930205; 93ZA-000808 930205; 93TW-101715 930309; 93EP-300837 930204;
 93DE-601102 930204; 93EP-300837 930204 [Based on EP-555086]; 93AU-032881 930205 [
 Previous Publ. AU9332881]; 93EP-300837 930204 [Based on EP-555086]
 Publication (Nº + date): EP-555086 A1 930811 D9332 A61K-007/08 Eng 01:pp; AU9332881 A 930812 D9339
 C11D-001/83 000pp; BR9300483 A 930928 D9343 A61K-007/075 000pp; CA2088650 A
 930808 D9344 A61K-007/075 000pp; J05286849 A 931102 D9348 A61K-007/50 009pp;
 ZA9300808 A 941026 D9443 A61K-000/00 021pp; TW-234693 A 941121 D9506 A61K-007/50
 000pp; EP-555086 B1 951227 D9605 A61K-007/08 Eng 012pp; DE69301102 E 960208
 D9611 A61K-007/08 000pp; AU-666912 B 960229 D9616 C11D-001/83 000pp; ES2082589
 T3 960316 D9618 A61K-007/08 000pp
 Accord EP (EPB): EP-555086 B1 951227
 Résumé (+ Use/Advantage): EP-555086 Liq. aq. shampoo compsn. comprises: 1 or more alkyl polyglycosides (I) as the principal surfactant component; and 1 or more up to 16C fatty acid soaps (II). Pref. compsn. comprises (by wt.) 1-40% (I), and 1-20% (II), with wt. ratio (II):(I) pref. = less than 1: 1 esp. 1:2-20; and pref. also comprises 1 or more additional components (surfactant, conditioning agent, buffering agent, opacifier, thickening agent, cationic conditioning polymer, and was). Pref. (II) are of formula RO-(G)n where R = alkyl, pref. of mean chain length 5-20C; G = saccharide gp., pref. a 5 or 6C monosaccharide or mixts.; l and n = deg. of polymerisation, pref. l=10, esp. up to 1.5. Pref. (II) have 8-14, esp. 8-12C, and are partic. soaps of caprylic, capric, myristic, and lauric acids or mixts. Pref. compsns. are hair or body shampoos or shower gels. USE | Incorporation of low levels of the specific short chain fatty acid soap (II) into the compsn. affords shampoo compsns. that have significantly improved foaming characteristics, while retaining a better overall balance of other props. (esp. mildness to skin and hair, beneficial sensory props. such as smoothness, and hair conditioning props. (Dwg.0/0); EP-555086 A liquid, aqueous shampoo composition suitable for application to skin or hair, comprising: (a) as a principal surfactant component, at least one alkyl polyglycoside; and (b) at least one short chain fatty acid soap having a carbon chain length of up to C16, the weight ratio of short chain to alkyl polyglycoside being within the range of from 1:2 to 1:20. (Dwg.0/0)
 Use / Advantage: EP-555086 I USE | Incorporation of low levels of the specific short chain fatty acid soap (II) into the compsn. affords shampoo compsns. that have significantly improved foaming characteristics, while retaining a better overall balance of other props. (esp. mildness to skin and hair, beneficial sensory props. such as smoothness, and hair conditioning props. (Dwg.0/0); EP-555086 empty field
 Nb Priorités: 1
 Pays Désignés: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; NL; PT; SE; AU; BR; CA; JP; ZA; TW; EP
 Nb Extension: 21
 Citations (EP/WO): EP-358216; EP-409005; EP--70077
 1ère Année Prior.: 92
 1er Pays Prior.: GB
 Codes Derwent DC: A96; D21; E12; E13
 Codes Derwent HC: A12-V04A; A12-V04C; D08-803; D08-809A; E07-A02D; E07-A02H; E10-C04L2
 Codes C18: A61K-007/075; A61K-007/08; A61K-007/50; C11D-003/22; C11D-010/04
 MAJ Derwent Basic: 9332
 MAJ Derwent Corr.: 9618
 Nb MAJ Derwent: 2

Ref BASIS: 22976
 N° d'accès Derwent: 93-386548 [48]
 Titre Derwent: Mild surfactant compsn. contg. alkyl or alkenyl oligo:glucoside(s) - and alkyl ether sulphate, used for washing dishes by hand or in e.g. shampoo
 TEXTO_Mots-Clés Papp: ALKYL ETHER SULFATE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Autres Domaines: Nettoyage de la peau (savons, démaquillants, bain, dépilatoires, rasage)
 Déposants: HENKEL KGAA
 Inventeurs: BUSCH P; HENSEN H; KRAECHTER H; SALKA B A; STUHRMANN D; TESMANN H
 Priorité (N° + date): 92US-884685 920518
 Dépôt (N° + date): 93WO-E01148 930511; 93EP-909940 930511; 93WO-E01148 930511 [Based on W09323512]; 93JP-519858 930511; 93WO-E01148 930511 [Based on W09323512]; 93EP-909940 930511; 93WO-E01148 930511 [Based on W09323512]; 93DE-503769 930511; 93EP-909940 930511; 93WO-E01148 930511 [Based on EP-641377] [Based on; 93EP-909940 930511 [Based on EP-641377]]
 Publication (N° + date): W09323512 A1 931125 D9348 C11D-001/83 Ger 024pp; EP-641377 A1 950308 D9514 C11D-001/83 Ger 000pp; J07506609 W 950720 D9537 C11D-001/68 006pp; EP-641377 B1 960911 D9641 C11D-001/83 Ger 007pp; DE59303769 G 961017 D9647 C11D-001/83 000pp; ES2090996 T3 961016 D9647 C11D-001/83 000pp
 Résumé (+ Use/Advantage): W09323512 Mild surfactant mixt. (I) contains 10-40 (wt.) alkyl- and/or alkenyl-oligoglucoside of the formula R1-O-(G)p (II), 10-40% alkyl- and/or alkenyl-oligoglucoside of the formula R2-O-(G)p (III) and 80-20% alkyl ether sulphate of the formula R3-(OCH₂CH₂)nO-SO₃M (IV); R1 = 8-11C alk(en)yl; (G) = a glucose gp.; p = 1-10; (I-3) R2 = 12-22C alk(en)yl; R3 = 6-22C alk(en)yl; M = an alkali (ne earth), ammonium or alkanolammonium ion; (pref. Na, Mg) n = 1-20 2-7. Pref. R2, R3 = 12-14C alkyl. USE (I) is used in the prodn. of compsns. for washing dishes by hand and cosmetics (claimed), e.g. shampoos, foam baths and skin cleaning agents. It causes min. irritation, gives max. lather stability and forms clear aq. solns. without adding solvent aid. There is a synergistic improvement in lathering in the presence of grease from skin cf. commercially available alkyl ether sulphate/alkyl-oligoglucoside mixts. and also advantages for the strength of hair and dry combability. (Dwg.0/0); US-1377 Mild surfactant mixtures containing (a) about 10 to about 40% by weight of an alkyl and/or alkenyl oligo-glucoside corresponding to formula (I) R1-O-(G)p (I) in which R1 is an alkyl and/or alkenyl radical containing about 8 to about 11 carbon atoms, (G) is a glucose unit and p is a number of 1 to about 10, (b) about 10 to about 40% by weight of an alkyl and/or alkenyl oligo-glucoside corresponding to formula (II) R2-O-(G)p (II) in which R2 is an alkyl and/or alkenyl radical containing about 12 to about 22 carbon atoms, (G) is a glucose unit and p is a number of 1 to about 10, and (c) about 80 to about 20% by weight of an alkyl ether sulphate corresponding to formula (III) R3-(OCH₂CH₂)nO-SO₃M (III) in which R3 is an alkyl and/or alkenyl radical containing about 6 to about 22 carbon atoms, M is an alkali metal, alkaline earth metal, ammonium and/or alkanolammonium ion and n is a number of 1 to about 20. (Dwg.0/0)
 Use / Advantage: W09323512 USE (I) is used in the prodn. of compsns. for washing dishes by hand and cosmetics (claimed), e.g. shampoos, foam baths and skin cleaning agents. It causes min. irritation, gives max. lather stability and forms clear aq. solns. without adding solvent aid. There is a synergistic improvement in lathering in the presence of grease from skin cf. commercially available alkyl ether sulphate/alkyl-oligoglucoside mixts. and also advantages for the strength of hair and dry combability. (Dwg.0/0); US-1377 empty field
 Nb Priorités: 1
 Pays Désignés: JP; US; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 16
 Citations (EP/WO): EP-409005; EP-486786; J03166298; US4483787; W09002164; W09104313; W09115192; W09221742
 1ère Année Prior.: 92
 1er Pays Prior.: US
 Codes Derwent DC: D21; D25; E19
 Codes Derwent MC: D08-B; D11-A01; D11-A03; D11-D01A; E05-B01; E07-A02H; E10-A09A
 Codes C18: A61K-007/075; A61K-007/50; C11D-001/16; C11D-001/68; C11D-001/83
 MAJ Derwent Basic: 9348
 MAJ Derwent Corr.: 9647
 Nb MAJ Derwent: 2

Ref BASIS: 30003^{AY}
 N° d'accès Derwent: 95-359547 [47]
 Titre Derwent: Compsns. for hair and body care - contg. lecithin and oligoglycoside or poly:hydroxy:alkyl:amide surfactant
 TEXTO_Mots-Clés Papp:
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: HENKEL KGAA
 Inventeurs: HENSEN H; KAHRE J; LEPPER H; LUEDDEMANN U; TESMANN H; WACHTER R
 Priorité (N° + date): 94DE-413434 940418
 Dépôt (N° + date): 94DE-413434 940418; 95WO-E01310 950410
 Publication (N° + date): DE4413434 A1 951019 D9547 A61K-007/06 007pp; WO9528143 A1 951026 D9548 A61K-007/075 Ger 018pp
 Résumé (+ Use/Advantage): DE4413434 Hair- and body-care compsns. contain lecithin (I) and a cpd. (II) selected from alkyl and/or alkenyl oligoglycosides (IIa) and fatty acid N-alkyl-N-(polyhydroxyalkyl)amides (IIb). PREFERRED COMPOSITIONS - (IIa) are of formula R1O(G)p, where R1 = 4-22C alkyl and/or alkanyl, G = a 5-6C sugar residue and p = 1-10. (IIb) are of formula R2CO-NR3-Z, where R2CO = 6-22C aliphatic acyl, R3 = H, 1-4C alkyl or 1-4C hydroxyalkyl, and z = 3-12C alkyl substd. by 3-10 OH gps.. The (II):(I) wt. ratio is 90:10 to 99:1. ADVANTAGE - Addn. of (I) improves the performance of the compsns. w.r.t. skin and hair feel and hair shine. (Dwg.0/0)
 Use / Advantage: DE4413434 I ADVANTAGE > Addn. of (I) improves the performance of the compsns. w.r.t. skin and hair feel and hair shine. (Dwg.0/0)
 Nb Priorités: 1
 Pays Désignés: JP; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 19
 Citations (EP/WO): EP-572776; US5002761; WO9206154; WO9315714; WO9416678
 1ère Année Prior.: 94
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E19
 Codes Derwent MC: A12-V04A; A12-V04C; D08-B03; D08-B09; E05-G09D; E07-A02D; E07-A02H; E10-D03C
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/50
 MAJ Derwent Basic: 9547
 MAJ Derwent Corr.: 9548
 Nb MAJ Derwent: 2